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<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L4</u>	L3 and rice	5	<u>L4</u>
<u>L3</u>	phytosulfokine	10	<u>L3</u>
<u>L2</u>	phosphosulfokine	0	<u>L2</u>
<u>L1</u>	phosphosulfokine and rice	0	<u>L1</u>

END OF SEARCH HISTORY

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NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
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NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
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NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	27	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	28	Oct 21	EVENTLINE has been reloaded
NEWS	29	Oct 24	BEILSTEIN adds new search fields
NEWS	30	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	31	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS	32	Nov 18	DKILIT has been renamed APOLLIT
NEWS	33	Nov 25	More calculated properties added to REGISTRY
NEWS EXPRESS			October 14 CURRENT WINDOWS VERSION IS V6.01, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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=> file agricola biosis emabase caplus

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0.42

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FILE 'BIOSIS' ENTERED AT 19:53:03 ON 26 NOV 2002

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=> s phytosulphokine precursor

L1 0 PHYTOSULPHOKINE PRECURSOR

=> s phytosulphokine(w)precursor

L2 0 PHYTOSULPHOKINE(W) PRECURSOR

=> s phytosulfokine(w)precursor

L3 2 PHYTOSULFOKINE(W) PRECURSOR

=> d l3 1-2

L3 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 2002:400695 BIOSIS

DN PREV200200400695

TI Precursor polypeptide of a plant growth factor, a gene encoding a precursor polypeptide of a plant growth factor and a method for promotion of plant growth.

AU Sakagami, Yoji (1); Yang, Heping; Matsubayashi, Yoshikatsu; Nakamura, Kenzo

CS (1) Nagoya Japan

ASSIGNEE: Nagoya University, Nagoya, Japan

PI US 6403864 June 11, 2002

SO Official Gazette of the United States Patent and Trademark Office Patents, (June 11, 2002) Vol. 1259, No. 2, pp. No Pagination.

<http://www.uspto.gov/web/menu/patdata.html>. e-file.

ISSN: 0098-1133.

DT Patent

LA English

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS  
AN 2001:627888 CAPLUS  
DN 136:182475  
TI Molecular biological studies on plant growth factor embryogenesis  
AU Yang, Heping  
CS Lab. Bioactive Product Chem., Graduate School Bioagricultural Science,  
Nagoya Univ., Japan  
SO Shokubutsu no Seicho Chosetsu (2001), 36(1), 1-10  
CODEN: SSCHCJ; ISSN: 1346-5406  
PB Shokubutsu Kagaku Chosetsu Gakkai  
DT Journal; General Review  
LA Japanese

=> s promoter and endogenous and activation  
L4 11996 PROMOTER AND ENDOGENOUS AND ACTIVATION

=> s l4 and plant  
L5 315 L4 AND PLANT

=> duplicate remove l5  
DUPLICATE PREFERENCE IS 'AGRICOLA', BIOSIS, EMBASE, CAPLUS'  
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n  
PROCESSING COMPLETED FOR L5  
L6 237 DUPLICATE REMOVE L5 (78 DUPLICATES REMOVED)

=> s l6 and transform?  
L7 47 L6 AND TRANSFORM?

=> s l7 and sulfokine  
L8 0 L7 AND SULFOKINE

=> d l7 and phytosulfokine  
'AND' IS NOT A VALID FORMAT  
'PHYTOSULFOKINE' IS NOT A VALID FORMAT  
In a multifile environment, a format can only be used if it is valid  
in at least one of the files. Refer to file specific help messages  
or the STNGUIDE file for information on formats available in  
individual files.  
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ti

L7 ANSWER 1 OF 47 AGRICOLA  
TI **Activation** of salicylic acid-induced protein kinase, a  
mitogen-activated protein kinase, induces multiple defense responses in  
tobacco.

=> s l7 and phytosulfokine  
L9 0 L7 AND PHYTOSULFOKINE

=> d l7 1-10 ti

L7 ANSWER 1 OF 47 AGRICOLA  
TI **Activation** of salicylic acid-induced protein kinase, a  
mitogen-activated protein kinase, induces multiple defense responses in  
tobacco.

L7 ANSWER 2 OF 47 AGRICOLA  
TI A nuclear casein kinase 2 activity is involved in early events of  
transcriptional **activation** induced by salicylic acid in tobacco.

L7 ANSWER 3 OF 47 AGRICOLA  
TI **Activation** tagging in Arabidopsis.

L7 ANSWER 4 OF 47 AGRICOLA  
 TI Analysis of cytokinin metabolism in ipt transgenic tobacco by liquid chromatography-tandem mass spectrometry.

L7 ANSWER 5 OF 47 AGRICOLA  
 TI Production of salicylic acid precursors is a major function of phenylalanine ammonia-lyase in the resistance of Arabidopsis to Peronospora parasitica.

L7 ANSWER 6 OF 47 AGRICOLA  
 TI Expression of a flax allene oxide synthase cDNA leads to increased **endogenous** jasmonic acid (JA) levels in transgenic potato **plants** but not to a corresponding **activation** of JA-responding genes.

L7 ANSWER 7 OF 47 AGRICOLA  
 TI The **plant** transcription factor TGA1 stimulates expression of the CaMV 35S **promoter** in Saccharomyces cerevisiae.

L7 ANSWER 8 OF 47 AGRICOLA  
 TI **Activation** of a truncated PR-1 **promoter** by **endogenous** enhancers in transgenic **plants**.

L7 ANSWER 9 OF 47 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 TI Heritable **endogenous** gene regulation in **plants** with designed polydactyl zinc finger transcription factors.

L7 ANSWER 10 OF 47 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 TI Characterization of cis-acting element involved in cell cycle phase-independent **activation** of Arath;CycB1;1 transcription and identification of putative regulatory proteins.

=> s 17 and promoter(w)incorporation

L10 0 L7 AND PROMOTER(W) INCORPORATION

### Status: Path 1 of [Dialog]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID dialog.com)  
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES  
PLEASE LOGON:

\*\*\*\*\* HHHHHHHH SSSSSSSS?

### Status: Signing onto Dialog

\*\*\*\*\*

ENTER PASSWORD:

\*\*\*\*\* HHHHHHHH SSSSSSSS?0310abdq \*\*\*\*\*

Welcome to DIALOG

### Status: Connected

Dialog level 01.12.27D

Last logoff: 18jan02 10:27:51

Logon file001 18jan02 11:51:29

Please enter SUBACCOUNT name/number:

?026350-058

Is 026350-058 the SUBACCOUNT you want to use? (Y/N)

?y

Subaccount is set to 026350-058

File 1:ERIC 1966-2002/Jan 11

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Set Items Description

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Cost is in DialUnits

Terminal set to DLINK

?b351

18jan02 11:51:45 User034901 Session D11431.1

Sub account: 026350-058

\$0.26 0.075 DialUnits File1

\$0.26 Estimated cost File1

\$0.05 TELNET

\$0.31 Estimated cost this search

\$0.31 Estimated total session cost 0.075 DialUnits

File 351:Derwent WPI 1963-2001/UD,UM &UP=200204

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\*File 351: Price changes as of 1/1/02. Please see HELP RATES 351.

More updates in 2002. Please see HELP NEWS 351.

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      Set   Items  Description
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?s pn=fr 2791347
      S1      1   PN=FR 2791347
?t 1/7

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1/7/1

DIALOG(R)File 351:Derwent WPI

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013217830

WPI Acc No: 2000-389704/200034

Polypeptide useful for promoting growth of plant cell comp  
rises

phytosulfokin precursor polypeptide of specific amino acid  
sequence

originating from rice plant

Patent Assignee: UNIV NAGOYA (UYNA-N); NAGOYA DAIGAKU CHO (U  
YNA-N)

Inventor: MATSUBAYASHI Y; NAKAMURA K; SAKAGAMI Y; YANG H

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 3038381	B1	20000508	JP 9979612	A	19990324	2
00034 B						
FR 2791347	A1	20000929	FR 2000979	A	20000126	2
00052						
JP 2000270869	A	20001003	JP 9979612	A	19990324	2
00056						

Priority Applications (No Type Date): JP 9979612 A 19990324

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 3038381	B1		8	C12N-015/09	
FR 2791347	A1			C07K-014/415	
JP 2000270869	A		9	C12N-015/09	

Abstract (Basic): JP 3038381 B1

NOVELTY - Precursor polypeptide (I) of phytosulfokin  
of rice plant

origin consists of a sequence of 89 amino acids (or a se

quence where 1  
 or more amino acids are replaced or deleted) given in the  
 specification. Sulfuration of tyrosine residual group of  
 phytosulfokin  
 is capable of stimulating growth by secreting sulfated tyrosine  
 phytosulfokin.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) a gene encoding (I); and
- (2) plant transformed with gene encoding (I)

USE - As a peptide for promoting propagation of a plant cell.

ADVANTAGE - Cell propagation is promoted efficiently

pp; 8 DwgNo 0/11

Derwent Class: C06; D16; P13

International Patent Class (Main): C07K-014/415; C12N-015/09

International Patent Class (Additional): A01H-005/00; C12N-005/04;

C12N-005/10; C12N-015/29

?save temp

Temp SearchSave "TD960" stored

?logoff

18jan02 11:52:10 User034901 Session D11431.2

Sub account: 026350-058

\$5.60 0.216 DialUnits File351

\$4.43 1 Type(s) in Format 7

\$4.43 1 Types

\$10.03 Estimated cost File351

\$0.19 TELNET

\$10.22 Estimated cost this search

\$10.53 Estimated total session cost 0.292 DialUnits

### Status: Signed Off. (1 minutes)